



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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**INFORMATION DISCLOSURE
STATEMENT**

Docket Number:
2653/40

Application Number
09/724,797

Filing Date
November 28, 2000

Examiner
Daniel Sullivan

Art Unit
1636

Invention Title
**MICROMONOSPORA ECHINOSPORA GENES
ENCODING FOR BIOSYNTHESIS OF
CALICHEAMICIN AND SELF-RESISTANCE
THERETO**

Inventor(s)
THORSON

Address to:
Commissioner for Patents
Washington D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents & Trademarks, Washington, D.C. 20231.

Date: **APRIL 24, 2003**

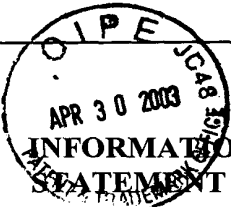
Signature: *Joseph A. Coppola*
Joseph A. Coppola, Reg. No. 38,413

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the attached references to the attention of the Examiner. These references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed.
3. Applicant's attorney certifies that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of information disclosure statement.
4. It is believed that no fees are due in connection with this Information Disclosure Statement. However, should any fees be due, the Commissioner is authorized to charge or credit any over payment to Deposit Account No. 11-0600. A duplicate copy of this communication is enclosed for charging purposes.

Dated: **4/24/03**

By: *Joseph A. Coppola*
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	ATTY. DOCKET NO. 2653/40	SERIAL NO. 09/724,797
	APPLICANT THORSON	
	FILING DATE November 28, 2000	GROUP 1636

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE*

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 00 37608	June 29, 2000	PCT				

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		Thorson et al., "Enediyne biosynthesis and self-reliance: A progress report", <i>Bioorganic Chemistry</i> , vol. 27, no. 2 (1999), pp. 172-188
		Thorson et al, "Understanding and exploiting nature's chemical arsenal : the past, present and future of calicheamicin research", <i>Current Pharmaceutical Design</i> , vol. 6, (December 2000), pp. 1841-1879

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	